

## CAPS Survey Report

<b>Year:</b>	2017
<b>State:</b>	Kansas
<b>Cooperative Agreement Name:</b>	Karnal Bunt
<b>Cooperative Agreement Number:</b>	USDA-APHIS-10025-PPQFO000-17-0440
<b>Project Funding Period:</b>	January 1, 2017 – December 31, 2017
<b>Project Report:</b>	CAPS Survey Report
<b>Project Document Date:</b>	January 1, 2017 – December 31, 2017
<b>Cooperators Project Coordinator:</b>	Laurinda Ramonda
<b>Name:</b>	Plant Protection and Weed Control
<b>Agency:</b>	Kansas Department of Agriculture
<b>Address:</b>	6531 SE Forbes Avenue, Suite B
<b>City/ Address/ Zip:</b>	Topeka, Kansas 66619
<b>Telephone:</b>	785-564-6698
<b>E-mail:</b>	laurinda.ramonda@ks.gov

Quarterly Report	<input type="checkbox"/>
Semi-Annual Accomplishment Report	<input type="checkbox"/>
Annual Accomplishment Report	<input checked="" type="checkbox"/>

- A. Write a brief narrative of work accomplished. Compare actual accomplishments to objectives established as indicated in the work plan. When the output can be quantified, a computation of cost per unit is required when useful.\*

Participants: Full time KDA staff –Bob Buhler, Gaelle Hollandbeck and Amy Jordan collected wheat samples

- December 1, 2017 – Pre-award letter signed for \$1,582
- June 19, 2017 – Wheat sampling began
- June 21, 2017 – Survey approved for funding
- June 23, 2017 – Wheat sampling completed
- July 20, 2017 – Results received from lab

Funding Amount (USDA)	Funding Amount (KDA)	Total Number of Samples	Cost Per Unit
Proposed = \$6,815	Proposed = \$0	Proposed = 94	Proposed= \$72.5
Actual = \$6,815	Actual = \$0	Actual = 96	Actual = \$70.98

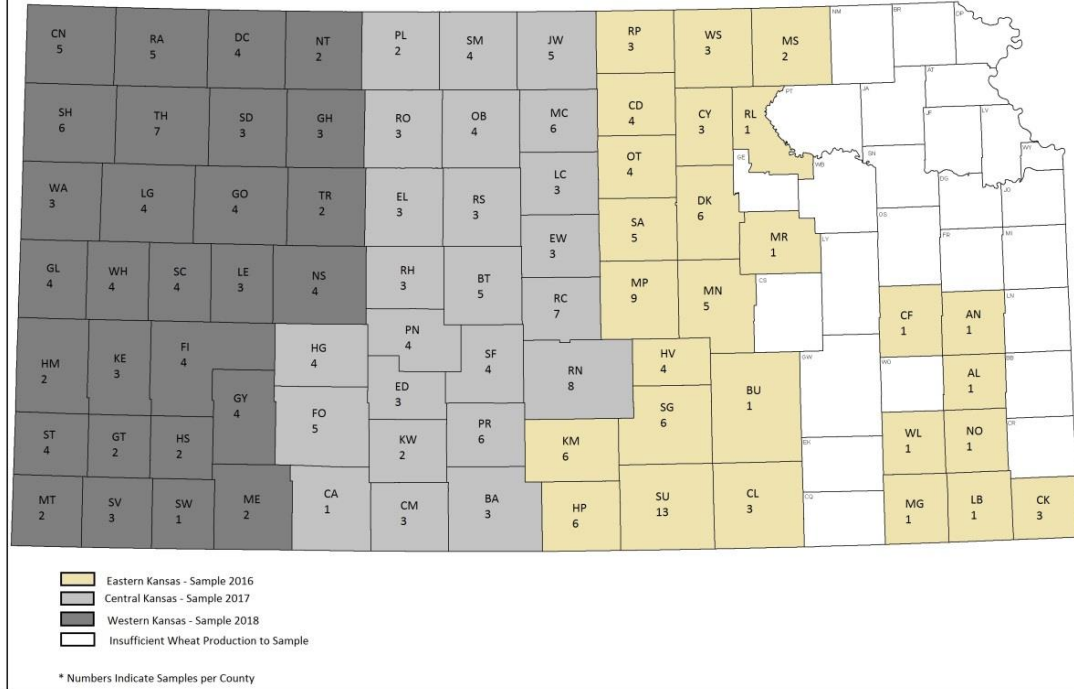
1. Survey methodology (trapping protocol):

	Common Name	Scientific Name
<b>Pest:</b>	Karnal Bunt	<i>Tilletia indica</i>

	Proposed	Actual
<b>Sites (Locations):</b>	24 counties	24 counties
<b>Samples:</b>	94	96 (94 official samples)

	Proposed	Actual
<b>Number of Counties:</b>	24	24
<b>Counties:</b>	Barber, Barton, Clark, Comanche, Edwards, Ellis, Ellsworth, Ford, Hodgeman, Jewell, Kiowa, Lincoln, Mitchell, Osborne, Pawnee, Phillips, Pratt, Reno, Rice, Rooks, Rush, Russell, Smith, Stafford	Barber, Barton, Clark, Comanche, Edwards, Ellis, Ellsworth, Ford, Hodgeman, Jewell, Kiowa, Lincoln, Mitchell, Osborne, Pawnee, Phillips, Pratt, Reno, Rice, Rooks, Rush, Russell, Smith, Stafford

## Karnal Bunt Sampling Strategy



### NUMBER OF SAMPLES COLLECTED

COUNTY	NO. OF SAMPLES PLANNED	NO. OF SAMPLES TAKEN	COUNTY	NO. OF SAMPLES PLANNED	NO. OF SAMPLES TAKEN
BARBER	3	3	MITCHELL	6	6
BARTON	5	5	OSBORNE	4	4
CLARK	1	1	PAWNEE	4	4
COMANCHE	3	3	PHILLIPS	2	2
EDWARDS	3	3	PRATT	6	6
ELLIS	3	3	RENO	8	9
ELLSWORTH	3	3	RICE	7	7 *
FORD	5	6	ROOKS	3	3
HODGEMAN	4	4	RUSH	3	3
JEWELL	5	5	RUSSELL	3	3
KIOWA	2	2	SMITH	4	4
LINCOLN	3	3	STAFFORD	4	4
Total Number of Samples Planned – 94			Total Number of Samples Collected – 96		

\*2 samples in Rice county under 4 pounds.

2. Survey dates:

	<b>Proposed</b>	<b>Actual</b>
<b>Survey Dates:</b>	Onset of wheat harvest – 3 weeks from the end of wheat harvest	June 19, 2017 – June 23, 2017

3. Benefits and results of survey:

	<b>Positive</b>	<b>Negative</b>	<b>Total Number</b>
<b>Wheat samples</b>	0	94	94

4. Database submissions:

**Records Submitted to NAPIS**

<b>State County</b>	<b>Pest</b>	<b>Pest Status</b>	<b>Survey Method</b>	<b>Positive Units</b>
KS - Barber	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	3
KS - Barton	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	5
KS - Clark	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	1
KS - Comanche	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	3
KS - Edwards	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	3
KS - Ellis	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	3
KS - Ellsworth	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	3
KS - Ford	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	6
KS - Hodgeman	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	4
KS - Jewell	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	5
KS - Kiowa	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	2
KS - Lincoln	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	3
KS - Mitchell	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	6
KS - Osborne	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	4
KS - Pawnee	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	4
KS - Phillips	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	2
KS - Pratt	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	6
KS - Reno	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	9
KS - Rice	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	5
KS - Rooks	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	3
KS - Rush	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	3
KS - Russell	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	3
KS - Smith	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	4
KS - Stafford	Karnal bunt ~ Tilletia indica	-	General Tissue Sample	4

**B. If appropriate, explain why objectives were not met.\***

- One extra sample was taken in Reno and Ford counties.
- Two samples from Rice county did not have 4 pounds of sample. One had 3.5 and one had 3.8 pounds of wheat so they weren't official samples.

**C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000.\***

---

*\*indicates information is required per 7 CFR 3016.40 and 7 CFR 3019.51*

**Approved and signed by**

\_\_\_\_\_  
**Cooperator**

**Date:** \_\_\_\_\_

\_\_\_\_\_  
**ADODR**

**Date:** \_\_\_\_\_